



April 10, 2012
Project No. 8128.01.08

Mr. Dana Bayuk
Oregon Department of Environmental Quality
2020 SW 4th Avenue
Portland, Oregon 97201-4987

Re: Monthly Progress Report—March 2012
Siltronic Corporation
7200 NW Front Avenue, Portland, OR
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is March 1, 2012, through March 31, 2012. The next report is due May 10, 2012.

The report organization follows that of the previous progress reports.

ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT

Communications and Submittals

On March 14, 2012, MFA and Siltronic met with representatives of DEQ and NW Natural (NWN) regarding the locations of source control components (e.g., wells, piping, piezometers, and trench) proposed on the Siltronic riverbank. DEQ and NWN exchanged subsequent emails agreeing on details regarding location and construction of these and other source control components.

On March 20, 2012, MFA contacted DEQ via telephone requesting approval of the February 27, 2012 recommendation to incorporate removal of MGP DNAPL into the MGP DNAPL screening program during March sampling activities. DEQ provided verbal approval but requested an email documenting the request. The request was provided on March 21, 2012.

Fieldwork

Groundwater monitoring continued through March in the performance monitoring wells.

Monthly water levels were collected on March 14, 2011. The monthly water levels are included in the attached MS Excel file.¹

Measurements of dense, non-aqueous phase liquid (DNAPL) from former manufactured gas plant (MGP) operations were collected in selected Group 1 and 2 PMWs between March 19 and 21, 2012. MGP DNAPL was measured in the following PMWs using an interface probe:

- WS-33-81: thickness 2.4 ft., measured on March 21.
- WS-43-36: thickness 7.91 ft., measured on March 21.
- WS-15-85: thickness 3.76 ft., measured on March 19.

Samples of MGP DNAPL were collected and submitted for analysis. Consistent with the February 27, 2012 MGP DNAPL submittal and DEQ's verbal approval, MFA staff removed MGP DNAPL from these three wells after sampling and thickness measurements were completed..

Actions to Be Taken in the Next Two Months

Groundwater elevations and DNAPL screening will be collected in April and May, 2012. Performance monitoring consistent with the revised performance monitoring program will continue in April and May, with quarterly sampling in May as well.

Siltronic and its representatives will meet with NW Natural and DEQ in April and May, 2012 as needed to discuss and/or coordinate implementation of the NWN source control components.

TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT

Some of the data collected through the March 2012 reporting period has been received but validation is not yet complete. Consistent with DEQ comments, the content and format of data submittal memoranda evaluating these data will be developed following DEQ review of the updated and revised PMP. The attached (electronic only) MS Excel data file contains all PMW and quarterly monitoring data, and soil vapor data received through the end of the reporting period (March 31, 2012).

On April 2, 2012, MFA received data for samples collected in March. The data (which will be included in the next monthly progress report and spreadsheet) confirm that RAO 1 has been met in all of the groundwater monitoring wells on the Siltronic property.

¹ Includes monthly water levels from January 2011 through March 2012; water levels from preceding years have previously been submitted.

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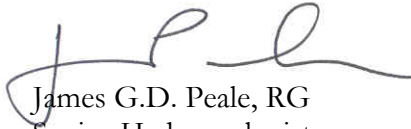
PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT

No additional problems were experienced.


Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



James G.D. Peale, RG
Senior Hydrogeologist



Ted Wall, PE
Principal Engineer

Attachments: MS Excel file (electronic only)

cc: Tom McCue, Siltronic Corporation
Alan Gladstone, Davis Rothwell Earle and Xochihua
Chris Reive, Jordan Schrader Ramis
Jim Anderson, DEQ
Kristine Koch, EPA
Sean Sheldrake, EPA Seattle
Rene Fuentes, EPA Seattle
Chip Humphrey, EPA Portland
Lance Peterson, CDM
Bob Wyatt, NW Natural
Patty Dost, Pearl Legal Group LLC
John Edwards, Anchor QEA LLC
Carl Stivers, Anchor QEA LLC
Rob Ede, Hahn and Associates, Inc.
Tom Gainer, DEQ
Henning Larsen, DEQ
Matt McClincy, DEQ